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1 VoIP: A comprehensive survey on a promising technology
Stylianos Karapantazis, Fotini-Niovi Pavlidou

August 2009   **Computer Networks: The International Journal of Computer and Telecommunications Networking** , Volume 53 Issue 12

Publisher: Elsevier North-Holland, Inc.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

The Internet has burgeoned into a worldwide information superhighway during the past few years, giving rise to a host of new applications and services. Among them, Voice over IP (VoIP) is the most prominent one. Beginning more as a frolic among computer ...

Keywords: Call admission control, IP Telephony, Security, Signaling protocols, VoIP, Voice codecs, Voice quality

2 A new method on automated web application testing
Mohsen Sharifi, Shahab Tasharrofi, Hamid Mahmoudzadeh

September 2005   **AIC'05:** Proceedings of the 5th WSEAS International Conference on Applied Informatics and Communications

Publisher: World Scientific and Engineering Academy and Society (WSEAS)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Internet and its web contents are extensively used in real trade and the existence of bugs in software can be disastrous. According to the specific properties of web applications, traditional test approaches are not applicable to this area. Though, lots ...

Keywords: software agent, testing, web application

3 End-to-end stereoscopic video streaming with content-adaptive rate and format control

Anil Aksay, Selen Pehlivan, Engin Kurutepe, Cagdas Bilen, Tanir Ozcelebi, Gozde Bozdagi Akar, M. Reha Civanlar, A. Murat Tekalp

February 2007 **Image Communication** , Volume 22 Issue 2

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

We address efficient compression and real-time streaming of stereoscopic video over the current Internet. We first propose content-adaptive stereo video coding (CA-SC), where additional coding gain, over that can be achieved by exploiting only inter-view ...

Keywords: Content-adaptive, H.264, Stereoscopic video, Streamer

4 Measuring the edge-to-edge available bandwidth in a DiffServ domain

N. Blefari-Melazzi, M. Femminella

September 2008 **International Journal of Network Management** , Volume 18 Issue 5

Full text available: Pdf (585.08 KB)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 7, Downloads (Overall): 32, Citation Count: 0

The new Internet will be deployed with a number of tools for network management and quality of service control. To this end, we focus on a single administrative domain based on the Differentiated Services architectural model, and we recognize the need ...

5 The handicap principle, strategic information warfare and the paradox of asymmetry

Zhanshan (Sam) Ma, Frederick T. Sheldon, Axel Krings

April 2010 **CSIIRW '10:** Proceedings of the Sixth Annual Workshop on Cyber Security and Information Intelligence Research

Full text available: Pdf (200.80 KB)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 18, Downloads (Overall): 18, Citation Count: 0

The term asymmetric threat (or warfare) often refers to tactics utilized by countries, terrorist groups, or individuals to carry out attacks on a superior opponent while trying to avoid direct confrontation. Information warfare is sometimes also ...
Keywords: Sir Philip Sydney (SPS) game, asymmetric warfare, evolutionary game theory, handicap principle, strategic information warfare

6 Business Data Communications

William Stallings

November 1990 Business Data Communications

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

From the Book:PREFACE:

Preface

Background

Four trends have made a solid understanding of the fundamentals of **data communications** essential to business and information management students:

- The ...

7 A novel wide-band audio transmission scheme over the Internet with a smooth quality degradation

Fulvio Babich, Marko Vitez

January 2000   **SIGCOMM Computer Communication Review** , Volume 30 Issue 1

Publisher: ACM

Full text available: Pdf (768.81 KB)

Bibliometrics: Downloads (6 Weeks): 0,   Downloads (12 Months): 5,   Downloads (Overall): 246,   Citation Count: 1

Real-time delivery of multimedia information over the Internet is finding increasing interest. This paper considers wide-band audio transmission utilizing a priority scheme. The proposed scheme complies with both the new Internet Protocol Version 6 (IPv6) ...

Keywords: Audio on Demand, INternet applications, Multimedia, Quality of Service, Technical subjects, Weighted Fair Queuing

8 Control of real-time multimedia applications in best-effort networks

Dan Ye / A. Parlos

January 2006   Control of real-time multimedia applications in best-effort networks

Publisher: Texas A & M University

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 0

The increasing demand for real-time multimedia applications and the lack of quality of service (QoS) support in public best-effort or Internet Protocol (IP) networks has prompted many researchers to propose improvements on the QoS of such networks. This ...

9 An agent-based data-flow testing approach for Web applications

Yu Qi, David Kung, Eric Wong

December 2006   **Information and Software Technology** , Volume 48 Issue 12

Publisher: Butterworth-Heinemann

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 1

In recent years, Web applications (WAs) have grown so quickly that they have already become crucial to the success of businesses. However, since they are built on Internet and open standard technologies, WAs possess their own unique features, such as ...

Keywords: Agent-based framework, Data-flow testing, Web application testing

10 Visual quality assessment for web videos

Tian Xia, Tao Mei, Gang Hua, Yong-Dong Zhang, Xian-Sheng Hua

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 0

The advent of video-sharing sites such as YouTube has led to an unprecedented Internet delivery of community-contributed video content. However, most of these videos are not quality-controlled. This paper reports a first attempt towards assessing web ...

Keywords: Domain specific, Non-reference, Visual quality assessment, Web video

11 The evaluation of the student teachers' attitudes toward Internet and democracy

Behçet Oral

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 3

The aims of this study are to find out (1) how student teachers' attitudes toward Internet affect their attitudes toward democracy, (2) how student teachers' attitudes toward democracy are in terms of their purpose of using Internet and (3) benefits ...

Keywords: Attitude towards Internet, Attitude towards democracy, Student teacher, Use of Internet

12 A system for automatic testing of embedded software in undergraduate study exercises

Voin Legourski, Christian Trödhandl, Bettina Weiss

Full text available: Pdf (436.22 KB)

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 47,   Downloads (Overall): 339,   Citation Count: 1

As student numbers in embedded systems lab courses increase, it becomes more and more time-consuming to verify the correctness of their homework and exam programs. Automatic verification can vastly improve the speed and quality of such tests. This paper ...

Keywords: automatic testing, black-box testing, embedded software education

13 Non-intrusive speech quality prediction in VoIP networks using a neural network approach

M. AL-Akhras, H. Zedan, R. John, I. ALMomani

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 2

Measuring speech quality in Voice over Internet Protocol (VoIP) networks is an increasingly important application for legal, commercial and technical reasons. Any proposed solution for measuring the quality should be applicable in monitoring live-traffic ...

Keywords: Artificial neural network, E-Model, Non-intrusive, Perceptual evaluation of speech quality, Speech quality, VoIP

14 Impact of background traffic on speech quality in VoWLAN

Peter Porta, Peter Kortiš, Martin Vaculík

January 2007   **Advances in Multimedia** , Volume 2007 Issue 1

Publisher: Hindawi Publishing Corp.

Full text available: Pdf (616.00 KB)

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 19,   Downloads (Overall): 87,   Citation Count: 1

This paper describes measurements of the impact of background traffic on speech quality in an environment of WLANs (IEEE 802.11). The simulated background traffic consists of three types of current traffics in telecommunication networks such as data ...

15 Internet testing: Equivalence between proctored lab and unproctored field conditions

Klaus J. Templer, Stefan R. Lange

May 2008   **Computers in Human Behavior** , Volume 24 Issue 3

Publisher: Elsevier Science Publishers B. V.

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 1

Companies that use web-based testing do not need to invite applicants to their offices for screening purposes, and applicants are not required to travel. Given the world-wide accessibility of the Internet and the savings in travel costs, web-based testing ...

Keywords: Employee selection, Equivalence, Internet testing, Online assessment, Psychometrics, Screening

16 Going online for health advice: Changes in usage and trust practices over the last five years

Elizabeth Sillence, Pam Briggs, Peter Harris, Lesley Fishwick

May 2007   **Interacting with Computers** , Volume 19 Issue 3

Publisher: Elsevier Science Inc.

Bibliometrics: Downloads (6 Weeks): n/a,   Downloads (12 Months): n/a,   Downloads (Overall): n/a,   Citation Count: 6

In recent years the number of health related websites has increased dramatically and so have concerns regarding the quality of online information. The sheer volume of sites and the variety of information available have left health consumers potentially ...

Keywords: Credibility, Health, Internet, Online advice, Questionnaire, Trust

17 Health information and decision-making preferences in the internet age: a pilot study using the health information wants (HIW) questionnaire

Bo Xie, Mo Wang, Robert Feldman, Le Zhou

November 2010   **IHI '10:** Proceedings of the 1st ACM International Health Informatics Symposium

Publisher: ACM   Request Permissions

Full text available: Pdf (545.37 KB)

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 1,   Downloads (Overall): 1,   Citation Count: 0

Recent paradigm shift in health care calls for more attention to patient preferences. The Health Information Wants (HIW) Questionnaire measures patients' preferences (desires) for health information and participation in decision-making. It has parallel ...

Keywords: decision-making, health information, health information wants (hiw), instrument development, patient preferences

18 A trust-based consumer decision-making model in electronic commerce: The role of trust, perceived risk, and their antecedents

Dan J. Kim, Donald L. Ferrin, H. Raghav Rao

January **Decision Support Systems** , Volume 44 Issue 2
2008

Publisher: Elsevier Science Publishers B. V.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 21

Are trust and risk important in consumers' electronic commerce purchasing decisions? What are the antecedents of trust and risk in this context? How do trust and risk affect an Internet consumer's purchasing decision? To answer these questions, we i) ...

Keywords: Antecedents of trust, Consumer trust, Electronic commerce, Internet consumer behavior, Perceived risk, Privacy and security, The role of trust, Trusted third-party seal

19 Examining the effects of information system characteristics and perceived usefulness on post adoption usage of information systems

Khawaja A. Saeed, Sue Abdinnour-Helm

September **Information and Management** , Volume 45 Issue 6
2008

Publisher: Elsevier Science Publishers B. V.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2

Understanding post adoption behavior has emerged as an important issue in IS research. Organizations have invested in a plethora of Information Systems (IS) and the benefits that can be gained from these systems depend on their usage. Prior research ...

Keywords: IS success model, Post adoption usage, Structural equation modeling, TAM (Technology acceptance model)

20 Examining influencing factors of post-adoption usage of mobile internet: Focus on the user perception of supplier-side attributes

Young Mee Shin, Seung Chang Lee, Bongsik Shin, Ho Geun Lee

November **Information Systems Frontiers** , Volume 12 Issue 5
2010

Publisher: Kluwer Academic Publishers

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Key supplier-side factors that affect the usage level of mobile Internet were identified and the procedural mechanism among the independent and dependent variables was investigated. For this, a research model was introduced to describe associations among ...

Keywords: Mobile data services, Mobile internet, Mobile internet services, Post-adoption usage, Technology acceptance

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